Amendments to the Specification

Please replace paragraph [0032] with the following paragraphs

[0032]   The components of timing generator 300 are similar to those of timing generator 200, except that each of microsequencers <u>305A</u> 350A through <u>305G</u> 350G have been designed to perform specific operations in support of MACROVISION copy protection process. In particular, microsequencer <u>305A</u> 350A is configured to provide flags supporting the horizontal standard for MACROVISION. Microsequencer <u>305B</u> 350B is configured to support the vertical standard. Microsequencer <u>305C</u> 350C is configured to support the horizontal AGC/PS standard. Microsequencer <u>305D</u> 350D is configured to support the vertical AGC/PS standard. Microsequencer <u>305E</u> 350E is configured to support the back porch signal requirement. Microsequencer <u>305F</u> 350F is configured to support the vertical color stripe. And, microsequencer <u>305G</u> 350G is configured to support the horizontal color stripe. Configuring the <u>microsequencers</u> microseqencers for a particular function entails providing programs to produce specific sets of flags associated with the function corresponding to the particular microsequencer. In addition, logic within programmable combinational logic module 310 is configured to expect certain flags from each of the microsequencer and to produce the appropriate control signal based on those flags. Timing Generator 300 provides one embodiment on how to implement the MACROVISION copy protection process, and is not intended to limit the scope of the invention. Based on the teachings herein, individuals skilled in the relevant arts will be able to discern additional embodiments.